

Title (en)
Nozzle adjusting mechanism and method

Title (de)
Düseneinstellmechanismus und -verfahren

Title (fr)
Mécanisme d'ajustement de buse et procédé

Publication
EP 2236792 B1 20180627 (EN)

Application
EP 10157608 A 20100324

Priority
US 41541709 A 20090331

Abstract (en)
[origin: EP2236792A2] Method and nozzle adjustment mechanism (50) for adjusting a flow of a fluid. The nozzle adjustment mechanism (50) includes a fixed ring (52); at least a vane (56) connected to the fixed ring (52) by a pivot pin (70) and configured to rotate with the pivot pin (70); an adjusting ring (54) rotatably connected to the fixed ring (52) and configured to rotate around a longitudinal axis (Z) of the nozzle adjustment mechanism (50); and a connection mechanism (58, 60) connecting the at least a vane (56) to the adjusting ring (54) and configured to move the at least a vane (56) when the adjusting ring is (54) rotated, the connection mechanism (58, 60) including a lever component (58) and a link component (60) connected to each other. The lever component (58) is connected to the at least a vane (56) and the link component (60) is connected to the adjusting ring (54).

IPC 8 full level
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CPC (source: EP US)
F01D 17/165 (2013.01 - EP US); **F02C 6/12** (2013.01 - EP US); **F04D 29/462** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2260/50** (2013.01 - EP US)

Cited by
ITCO20120046A1; ITCO20110034A1; EP2565388A3; RU2616336C2

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DOCDB simple family (publication)
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